

County Lake Twp. 24 N. Rge. 21 W.

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Byrne, Howard A. & Catherine	GW 2	179960	-
2	Miller, Kenneth	GW 2	209330	-
3	Maillet, E.L.	GW 3	171964	-
3	Melton, Jerry E.	GW 2	161272	-
3	Mauli, Nick	GW 4	162604	-
3	Proud, Frankie J.	GW 4	162175	-
5	Weaver, Charles Raymond	GW 4	162648	-
10	Huckins, Charles	GW 4	163111	-
10	Smith, Harry O.	GW 4	163119	-
10	Walterskirchen, Wm. C. (Walterskirchen Island Corp.)	GW 2	202011	-
10	White, Hazel M.	GW 4	163109	-
16	Huckins, Charles	GW 2	177600	-
16	Jensen, Donald	GW 3		-
17	Danielson, O.B. & Mabel M.	GW 2	185384	-
17	Tibbles, Dallas	GW 2	167147	-
19	Elementary School Dist. #22	GW 4	163163	-
19	Mass, Lester E. & Emma W.	GW 4	163172	-
19	Unszur, Victor J.	GW 4	162752	-
19	U.S. Dept. - H.E.W. - U.S. Indian	GW 2	205810	-
25	Ahlgreen, Carl A. & Edith E.	GW 2	161813	-
25	Barba, William G.	GW 3	210477	-
25	Barba, William G. & Dolores	GW 2	180476	-
25	Clunie, Angus W.	GW 1	193963	-
25	Clunie, George A.	GW 2	195514	-
25	Cornelius, Ray L.	GW 2	186204	-
25	Green, Donald H. & Marie	GW 4	162749	-
25	Johnson, Charles O.	GW 2	1264	-
25	Little, Jack W.	GW 3	158219	-
25	Noel, Harry	GW 2	185132	-
25	Robinson, Elmer W. & Florence	1957 Well Log		-
25	Rollins, T.R.	GW 3	154889	-
26	Coppedge, Noland B.	GW 3	188540	-
26	Culbert, George W.	GW 3	199360	-
26	Diettert, G. A.	GW 3	173325	-
26	Grotts, James F.	GW 1	193999	-
26	Hulst, C.	GW 2	210505	-
26	Walker, Benj. H.	GW 2	167810	-
27	Inman, John	GW 2	200242	-
29	Cook, Blendon H.	GW 2	181732	-
29	Dengler, John C.	GW 2	210323	-
29	Mincott, A.D.	GW 2	188617	-
29	Olson, Laura	GW 2	205235	-
29	Riggert, A.J.	GW 2	188488	-
30	Ernest, Doug	GW 2	208910	-
33	Cowell, Walter A.	GW 4	162610	-
33	Davis, Ernest D. & Erma J.	GW 2	170811	-

GROUNDWATER INDEX

Page 2 of 2

County Lake Twp. 24 N. Rge. 21 W.

[illegible]

24N-31W 1/2
County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JUN 7 1973

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner John Gilder

Address Box 519
Kalispell, Mt 59901

Date well started 1968

completed 1972

Type of well Dug by hand and
(Dug, driven, bored or drilled)

Equipment used Backhoe

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*Describe none

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block

Well is ^{and} free flowing at 2 gal. per minute
ESTIMATED ANNUAL WITHDRAWAL 105,200 gallons

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
Concrete cribbing & storage tanks with one inch overflow at ground level.						

N
 Silver Salmon Shore
 Lot number 7
 W E

Static water levelft.*

Pumping water levelft.*

atgallons per minute,

measuredminutes after pumping

began.

*Measured from ground level.

well developed by
for hours

Power	Pump	HP
-------	------	----

Remarks: (Gravel packing, cementing

packers, type of shutoff)

1/4 1/4 Sec 192

T. 24 (N) R. 2 E

5

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature John Elder

Driller's Address

LICENSE NO.

Show exact depth of bottom

53,387

210017

R- 1465

JOHN GILBER

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA
County of Lake

Filed on the 6 day of June

A D 1913 at 3:32 o'clock P M

EMEL M. HARDING

County Clerk and Recorder

By James B. [Signature] Deputy

File No.

STATE WATER CONSERVATION BOARD

T. 24N R. 21W

DUPLICATE

JUN 1 1967

County, Lake

LOG

Bill

McDermott

STATE OF MONTANA

Butler

Morton

ADMINISTRATOR OF GROUNDWATER CODE

Cott

Sullivan

OFFICE OF STATE ENGINEER

Top of Ground

Appropriation

(Elev. above sea level. 30500 feet)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Catherine L. &

Owner, Howard A. Byrne Address, Dayton, Montana

Driller, Liberty Drilling Co. Address, Missoula, Montana

Date of Notice of appropriation of groundwater, None filed

Date well started, 3/17/67 Date completed, 4/21/67

Type of well, Drilled Equipment used, Cable Tools & Air Rotary

(Dug, driven, bored or drilled) (Churn drill, rotary or other)

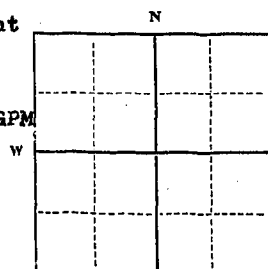
Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Formations Log:

- 0 - 1 Black dirt & gravel.
- 1 - 24 Tan clay, gravel & boulders.
- 24 - 45 Tan clay, gravel & cobblestones.
- 45 - 104 Blue rock. Very hard.
- 104 - 115 Gray rock. Hard.
- 115 - 123 Light gray rock. Seeps of water.
- 123 - 149 Blue - gray rock. Hard.
- 149 - 152 Light gray rock. Broken. 1 1/2 GPM
- 152 - 166 Blue - gray rock. Very hard.
- 166 - 169 Light gray rock. Broken. 3 GPM
- 169 - 174 Blue - gray rock. Very hard.
- 174 - 187 Light gray rock. Some fractures. 2 1/2 GPM
- 187 - 192 Blue - gray rock. Hard.
- 192 - 194 Fractured light gray rock. 5 GPM
- 194 - 203 Blue - gray rock. Hard 1 GPM

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/4"	+1	52	N	O	N E



Lot 15 Block 1
Juniper Shores

1/4 Sec. 2 T24N R. 21W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Water rises in the well
57 feet from surface.

Static Water Level for non-flowing well
57 feet.

Shut-in Pressure for Flowing Well, Non-f.

Pumping Water Level, 145 feet

at 13 gal. per minute.

Discharge in gal. per min. of flowing well

Non-flowing

How Tested, Air Lift Pump

Length of Test, 4 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering the well is coming through the cracks and seams in the rock below 115 feet.

52

Driller's License Number

William F. Osborne
Driller's Signature.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Show exact depth of bottom.

Bottom of hole 203'

42,034

R-1068

179960

Inter Report

Howard A. & Catherine L. Byrne

The Public

STATE OF MONTANA } ss
County of Lake

Filed on the 29 day of May
A. D. 1967 at 2:10 o'clock P.M.

ETHEL M. HARDING
County Clerk and Recorder

By Th. Knauer
Deputy

\$2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Kenneth Miller

Address Dayton, Mont.

Date well started Mar. 22, 1973

completed Mar. 24, 1973

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

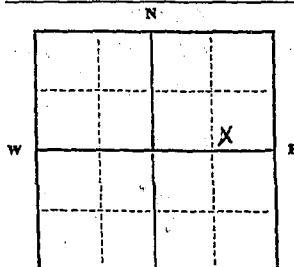
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17#	0	42	None		



Port Lot 1, 2, 5, 6
T. 24 N. R. 21 E. S. 2

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Emmett O'Keefe

Driller's Address Polson, Montana

LICENSE NO. 8

RECEIVED

24N-21W
County Lake

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	2	Topsoil
2	25	Clay, gravel
25	30	Gravel, few cobbles
30	70	Medium hard blue rock
70	128	Hard blue rock
128	173	Medium blue rock
173	183	Hard blue rock
183	235	Medium blue rock
235	245	Brown rock, medium
245	280	Dark blue rock
280	303	Very hard blue rock
303	310	Broken brown rock

Static water level 68 ft.*
Pumping water level 300 ft.*
at 10-11 gallons per minute,
measured minutes after pumping began.

*Measured from ground level.
Well developed by Air
for 2 hours.

Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

323*

Show exact depth of bottom

53,054

930021111
209130

R-1443

KENNETH L. & ELAINE M.
MILLER

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA }
County of Lake }

Filed on the 1 day of May

A. D. 19 13 at 9:20 o'clock A M

ETHEL M. HARDING

County Clerk and Recorder

By *James M. Rant* Deputy

File No.

STATE WATER CONSERVATION BOARD

DUPLICATE

RECEIVED
SEP 7 1965

T. 24

R. 21

S. 3

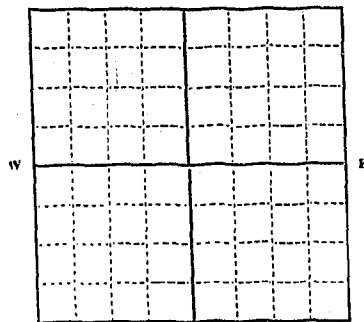
County

Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater Appropriation
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

1/2 Lake St
Just south of
Lot 3 Blk 16
Townsite of Dayton

Lot 7 x 8 1/4 Sec. 3 T. 24 R. 21

Indicate point of appropriation
and place of use, if possible.

Date of Appropriation of Groundwater August 1, 1964

Owner E. L. Maillet Address Dayton, Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

1) Describe means of obtaining groundwater (as by sub-irrigation,
developed spring, drains, etc.) _____

Developed Spring

2) Means of withdrawing water (gravity, pump, canal, etc.) _____

By pump

3) Depth of water table Dugout approx. 8' water to surface

4) Use of the water Household and irrigation of
yard and trees.5) Amount of groundwater claimed (in miner's inches, or gallons
per minute) Varies with needs - total claimed6) If used for irrigation, give number of acres and description of
land for lots 1, 2 & 3 of Blk 16 to
townsite of Dayton, Mont.7) Estimate amount of water used each year For building
30' x 70' 9 yard 150' x 200'

Signature of Owner Eugene J. Maillet

Date September 3, 1965

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

39528.

R1006

171964

E. L. Maillet

FILED
CLERK
A. D. 1965
JAN 10 1965
JAN 10 1965
JAN 10 1965

STATE OF MONTANA } ss
County of Lake }
Filed on the 3 day of Sept
A. D. 1965 at 11:25 o'clock AM
HAZEL KINNICK
County Clerk and Recorder
By James Cowen
Deputy

RECEIVED
SEP 8 1965

DUPLICATE

APPROPRIATE TO

T. 24 N. R. 21 W.
County. Lake

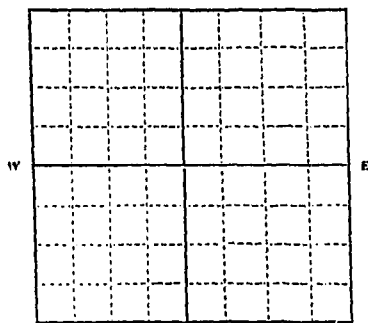
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

In Lake St
Just North
South of
Lot 3 Blk 16
Townsite of Rayla



Indicate point of appropriation
and place of use, if possible.

Date of Appropriation of Groundwater August 1, 1964

Owner E. Mallett Address Dayton, Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

1) Describe means of obtaining groundwater (as by sub-irrigation,
developed spring, drains, etc.) _____

2) Means of withdrawing water (gravity, pump, canal, etc.) _____

By pump

3) Depth of water table Dugout approx 8' water to surface

4) Use of the water Small field and irrigation

5) Amount of groundwater claimed (in miner's inches, or gallons
per minute) 1 to 1.5 to 2.0

6) If used for irrigation, give number of acres and description of
land 12.3 of 16 to

7) Estimate amount of water used each year _____

Signature of Owner _____

Date _____

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

39537

P1006
171964
E. L. Mawlet
to
The Public

STATE OF MONTANA } ss
County of Lake
Filed on the 3 day of Sept
A. D. 1965 at 11:25 o'clock 9 M
HAZEL KINNICK
County Clerk and Recorder
by Eunice Lawman Deputy

GW 2

Approved Check Form—State Publishing Co., Helena, Montana—3908

File No.

DUPLICATE

T. 24N R. 21W

County of Lake

STATE OF MONTANA

OCT 1 1963

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Jerry E. Melton Address Dayton Mont.
Driller Horner McClarty Address Halispell Mont.

Date of Notice of Appropriation of Groundwater

Date well started Sept 6 - 63 Date Completed Sept 12 - 63

Type of well Drilled Equipment Used Drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

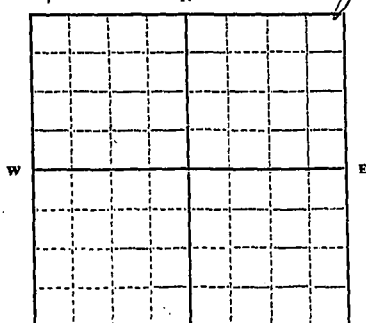
Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>1 inch</u>	<u>1 inch</u>			<u>None</u>		
	<u>23 lb per ft.</u>					

152 to gravel.

155 ft to Water bearing gravel



Lot 4, Blk 14 Larivee Add to Dayton
SW 1/4 Sec. 3 T. 24N R. 21W

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well.....feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level.....feet at.....gal. per minute.

Discharge in gal. per min. of flowing well 10 gal per MinuteHow Tested By Pumping Length of Test 2 minutes

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation).....

Driller's License Number 18

Horner McClarty
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

6108

R242

161272

Water Report
- Jerry Melton
to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 24 day of Sept

A. D. 1963 at 4:30 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By G. Cowman

206

Deputy

File No.

DUPLICATE

T. 24 N. R. 21 E.

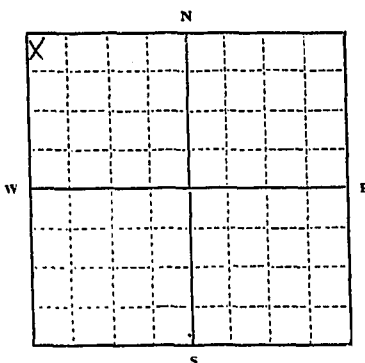
County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Mark Mendi Mendi, of Baytown
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 3 T. 24 R. 21

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Household use. Stock watering - also yard & garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 15 - 1941
Daily since above date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Cent part of well -
6 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
yard & garden - approx 1 acre
Owner: Self (Mark Mendi)
on N.W. 1/4 - Sec 3, T. 24, R. 21
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Cone
well only on N.W. 1/4 Sec 3, T. 24, R. 21
1 1/2" Electric pump - 1 H.P. motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater comm. April 15 - 1941
May 15 - 1941 Drilled - (Cone well only)
8. The depth of water table 20 feet from ground level to water in pipe
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater (Cone well only)
Drilled 134 feet deep
6 in hole thru soft shale rock with small veins
of pumice in rock no casing
10. The estimated amount of groundwater withdrawn each year 500,000
11. The log of formations encountered in the drilling of each well if available First 30 feet -
Native earth & gravel - Bal. 155 feet - soft shale
Rockwell Union Rock
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record no other to my knowledge

Signature of Owner Mark Mendi

Date 12/3/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

11568

R 383

162604

Water Report
Nick Meuli
to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 18 day of Dec

A. D. 1923 at 1:45 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By

E. Cowman

Deputy

2 cc.

File No.

DUPLICATE

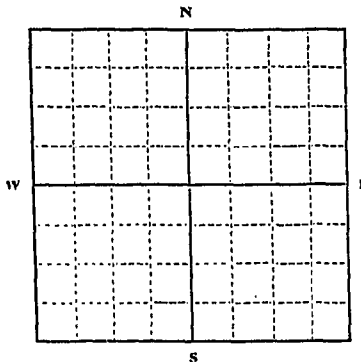
T. 24^N R. 21
County LAKESTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
DEC 3 1963

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frankie G. Proud, of Dayton
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 11, Blk 1

Sec. 3, T24, R21

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based household
small garden, large yard, trees, raspberry patch,
few fruit trees, lilac hedge

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been since 1944, dairy use

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) see #10

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal hand pump,
pump, 1944, Nov. 1949, Electric pump, 1944,
well located on lots 11-12, Blk 1, 1/2 mile addition
to Dayton

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1st 2 ft. deep when prop. purchased Dec. 1942, dug to 12 ft.,
drilled with hand pump, 12 ft. dug and 1944, completed June 1944, cement
over 12 ft. from top, 1/2 in. pipe to bottom, sand point.

8. The depth of water table 10-12 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater.

10. The estimated amount of groundwater withdrawn each year 340,000 gal.

11. The log of formations encountered in the drilling of each well if available alluvial, rocks,
gravel, sand.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.

Signature of Owner Frankie G. Proud

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

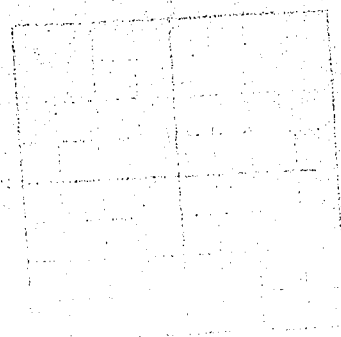
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

1700

R301

162175

Water Reports
Frank G. Proul
to
The Public



STATE OF MONTANA
County of Lake,
Filed on the 26 day of Nov
A. D. 1963 at 1:30 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By 6 Coe Deputy

File No.

T 24 N R 21 W 3

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

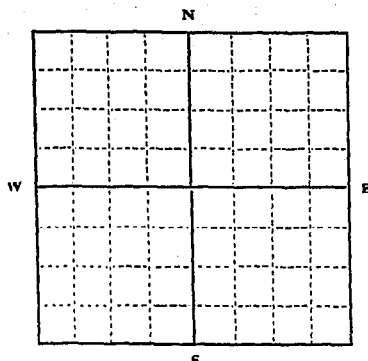
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
NOV 19 1963

STATE ENGINEER

1. Levi A. M. Pecht, of Dayton, Montana
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. T R

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based
Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1912
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
Cannot be pumped dry
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Irrigate three town lots in Dayton, Montana
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1911 and completed 1912
8. The depth of water table
78'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Dug well 8' square
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available
Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
Not available

Signature of Owner Levi A. M. Pecht

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

7201

R284

161933

Well Report
Levi A.M. Recht

to

The Public

STATE OF MONTANA

County of Lake

Filed on the 13 day of Nov

A. D. 1923 at 11 o'clock P.M.

HAZEL KINNICK

County Clerk and Recorder

By

E. Cowan

Deputy

File No.

DUPLICATE

T. 24^N R. 21^W
County. LAKESTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

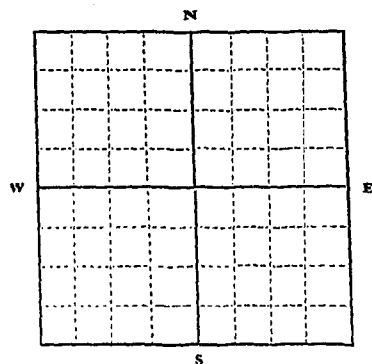
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
NOV 19 1963

STATE ENGINEER

1. Levi A. M. Pecht, of Dayton
(Name of Appropriator) (Address) (Town)
- County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



..... 1/4 Sec. T. R.

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based.....
House and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Drilled 1957 used continually
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
Flowing Well
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
Town lot
Dayton, Montana
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1957
8. The depth of water table.....
168'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
Flowing
10. The estimated amount of groundwater withdrawn each year.....
11. The log of formations encountered in the drilling of each well if available.....
Clay-quicksand and finally gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner

Levi A. M. PechtDate Nov. 12, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator.

7202

R28

161934

Well Report

Levi A. M. Picht

to
The Public

STATE OF MONTANA

County of Lake

Filed on the 13 day of Nov

A. D. 1913 at 1:20 o'clock P

HAZEL KINNICK

County Clerk and Recorder

By G. Cowman Deputy

File No.

DUPLICATE

RECEIVED
FEB 13 1964

County Lake

STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

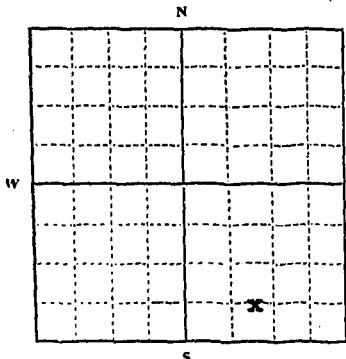
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Charles Raymond Weaver, of Proctor
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 5 T24 R21

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Water used for household purposes & for watering livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. The well was dug in 1930 and the use has been continuous from and after that date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). Five gallons per minute, based on year around average.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. This well is not used for irrigating purposes.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. The water is withdrawn from the well by a jet pump located approximately 65 feet from the well.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. The construction of this well was commenced on approximately August 1, 1930, and was completed prior to September 1, 1930.
8. The depth of water table. is 30 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. This is a hand dug well which is 34 feet in depth and approximately 30 inches inside diameter, exclusive of approximately one foot of cribbing and concrete casing. The well was originally pumped with a hand pump located at the well, but is now pumped with a jet pump located approximately 65 feet from the well.
10. The estimated amount of groundwater withdrawn each year. Approximately 100,000 to 150,000 gallons per year.
11. The log of formations encountered in the drilling of each well if available. The appropriator personally hand dug this well and kept no log on the formations, but remembers generally that the entire 34 feet was composed of hard pan clay and gravel approximately one to several inches in diameter.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. The appropriator states that he never filed any information on the drilling of this well or the beneficial use of the water withdrawn therefrom with the County Clerk & Recorder.

Signature of Owner Charles Raymond Weaver

Date December 19, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

12194

R414

162648

Charles Raymond Weaver
to
The Public

RECEIVED
1913 DEC 22

STATE RECORDS

STATE OF MONTANA

County of Lake

Filed on the 22. day of Dec.
A. D. 1913 at 4:40 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

208

G. Cowman

Deputy

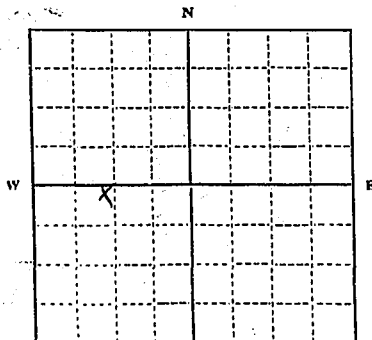
File No. _____

DUPLICATE

T 24 R 21 10
County LakeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Charles Huckins, of Dayton, Mont.
(Name of Appropriator) (Address) (Town)County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

N.E. 1/4 Sec. 10 T. 24 R. 21

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock & domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 61 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gals per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 1961 finished
8. The depth of water table 45'-30'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well 7 inch casing
10. The estimated amount of groundwater withdrawn each year 25,000 gal
11. The log of formations encountered in the drilling of each well if available Shale at 30' & clay
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record As to office in Room

Signature of Owner

Date Dec 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24266

R-765

16311

Charles Huchins

To

The Public

STATE OF MONTANA

County of Lake

Filed on the 31 day of

A. D. 1903

at 1 o'clock P. M.

County Clerk and Recorder

By

Deputy

File No.

DUPLICATE

T. 24N R. 21W

County Lake

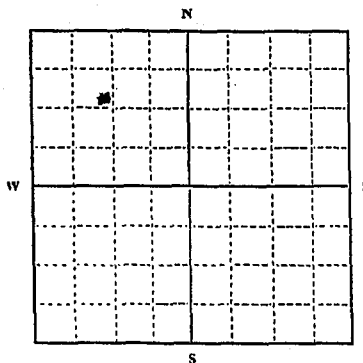
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harry O. Smith, of Dayton Mont.
(Name of Appropriator) (Address) (Town)
County of Lake State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW 1/4 Sec 10 T. 24 N. R. 21 W.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1932 continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Spring of 1932
8. The depth of water table 16 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Dug well 3 ft. in diameter 16 ft. in depth
10. The estimated amount of groundwater withdrawn each year approximately 500,000 5,000,000 gal.
11. The log of formations encountered in the drilling of each well if available clay, Hard pan and gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
True

Signature of Owner

Date Dec 30 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24274

R-113

163119

STATE OF MONTANA
County of Lake,
Filed on the 31 day of Dec
A. D. 1963 at 5:20 clock P.
[Signature]
County Clerk and Recorder

Des

RECEIVED

JAN 24 1972

24N-21W 10
County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Papoose Island Corp.

Owner Wm. C. Walterskirchen

Address 221 1st Avenue East

Kalispell, Montana

Date well started 7/19/71

completed 7/21/71

For Administrator's Use	
File	<u>P-1316, 202011</u>
Date	<u>Jan. 21, 1972</u>
By	<u>202011</u>

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Air Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☒ Stock ☒ Irrigation ☒

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

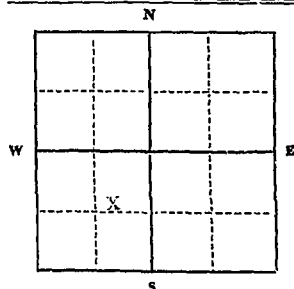
*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block

and Addition) Approx. 20 acres in Government Lots (North Section) two & four

ESTIMATED ANNUAL WITHDRAWAL 15,768,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"		0	21'			
6"	6 5/8" OD x 1/2"	1'6"	82'9"	NONE		



NE 1/4 SW 1/4 Sec. 10

T. 24 N. R. 21 W.

S. 24 E. (Con't)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

LIBERTY DRILLING COMPANY

Driller's Signature W. Williams

Driller's Address 2500 Reserve

Missoula, Montana 59801 LICENSE NO. 52

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground Approx. (Elev. above sea level) 3000'

From (Feet)	To (Feet)	
0	10	Tan clay and broken rock
10	74	Green rock
74	98	Gray rock
98	121	Light gray rock
121	247	Rusty and light gray rock in thin alternate layers
247	318	Gray rock
318	345	Broken brown and gray rock
345	437	Gray rock
437	449	Brown and gray broken rock
449	469	Gray rock

Static water level 46 ft.*
Pumping water level 168 ft.*
at 30 gallons per minute,
measured 50 minutes after pumping began.

*Measured from ground level.
Well developed by Air Lift Pump
for 1 hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) rubber packer is attached to casing at 40 ft. and at 83 ft. annulus between six inch pipe and eight

(Con't)

469' Show exact depth of bottom
Water rises in well 46' from surface.

49,777

1. The first step is to identify the problem. This is done by observing the system and identifying the symptoms.

2. The second step is to analyze the problem. This is done by determining the cause of the problem and the scope of the problem.

3. The third step is to develop a solution. This is done by identifying the resources available and developing a plan to address the problem.

4. The fourth step is to implement the solution. This is done by putting the plan into action and monitoring the results.

5. The fifth step is to evaluate the solution. This is done by comparing the results of the solution to the original problem and determining if the problem has been solved.

Note: Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

By Deputy

File No.

DUPLICATE

T. 24^N R. 21^S 10County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

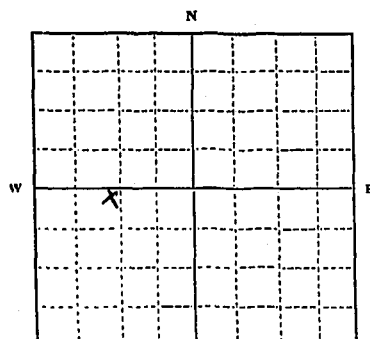
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

STATE ENGINEER

1. Hazel M. White of Rollins
(Name of Appropriator) (Address) (Town)
County Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4 Sec. 10 T. 24 R. 21

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. Stock & domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. May 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. ///
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. May 1961 - & finished
8. The depth of water table. 45' - 50'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. drilled well 7" casing
10. The estimated amount of groundwater withdrawn each year. 25,000 gals
11. The log of formations encountered in the drilling of each well if available. Blue rock at 50' & clay
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. A.S.C. office at Rollins

Signature of Owner Hazel M. WhiteDate Dec. 31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24264

R-763

163109

Hazel M. White
To
The Public

STATE OF MONTANA

County of Lake,

Filed on the 31 day of Dec
A. D. 1963 at 5:27 o'clock P. M.

County Clerk and Recorder

By

Deputy

File No. _____

STATE WATER CONSERVATION BOARD

T. 24 R. 21

DUPLICATE

County Lake

NOV 14 1966

LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Billie _____
Butcherin _____
Coyla _____
Darlington _____
Dickers _____Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level)

top soil

tan clay, sand, gravel
and boulders

bedrock

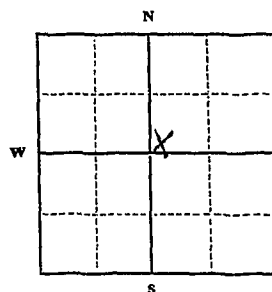
0
1
1
47' 6"
47' 6"
106'Owner CHARLES HUCKTINS Address BOX 281 DAYTON, MONT.Driller KEN WILLIAMS Address 1558 So. 5th N.
MISSOULA, MONT.

Date of Notice of appropriation of groundwater _____

Date well started OCT. 3, 66 Date completed OCT. 11, 66Type of well drilled Equipment used churn
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" ID	6 O.D. 5/8 17lbs per ft. 1" side wall	ground level	106'			

Static Water Level for non-flowing well
.....42.....feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level.....104.....feetat.....8.....gal. per minute.

Discharge in gal. per min. of flowing well

How Tested.....bail test.....Length of Test.....4 hours.....

Remarks: (Gravel packing, cementing, packers, type of shutoff).....

RW 4 N E 1/4 Sec. 4 T. 24 R. 21

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Kenneth L. Williams
Driller's Signature

41,599

R-10-41

117600

Well Report
Charles Buckins
To
The Public

was made

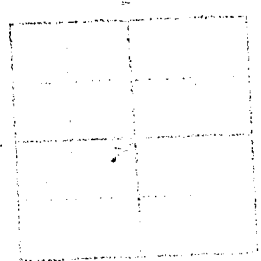
☐ approved ☐ amended ☐ rejected

☐ submitted ☐ denied

the following information was obtained from the records of the State of Montana for the year 1966:

Year	Number of Wells	Number of Acres
1966	1,100	1,100

Year	Number of Wells	Number of Acres
1967	1,200	1,200



STATE OF MONTANA
County of Lake

Filed on the 3 day of May
A. D. 1966 at 10:30 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By Samuel Cowman Deputy

117600

File No.

T. 34^N R. 21^E

DUPLICATE

County DAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 29 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 227 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1958Owner Donald D. Jensen Address Elmo, Mont

Contractor (if any)

Address of Contractor

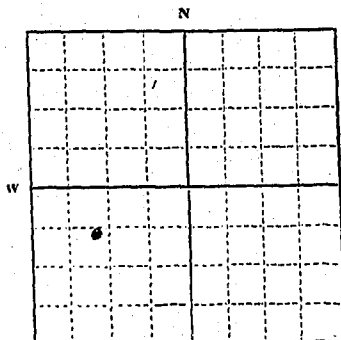
Date Started April 1958 Date Completed JUNE 1958

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Spring was dug out
to depth of four feet Bored
in stream allowed to flow
thru pipe

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use about

5 gal 4 minutes fill 4 5
gal 10 min in minute

Signature of Owner Donald D. JensenDate Oct 21, 1963

N 1/4 Sec 16 T 34 R 21

Indicate point of appropriation
and place of use, if possible.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF MONTANA

County of Lake,

Filed on the 21 day of Oct

A. D. 1963 at 3:20 o'clock P. M

HAZEL KINNICK

County Clerk and Recorder

By C. Cowman

200

Deputy

File No. _____

DUPLICATE

MONTANA WATER RESOURCES BOARD

RECEIVED

LOG

JUL 24 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 24 R. 21

County Lake

Top of Ground

(Elev. above sea level)

GL tan clay, sand & gravel

13

13 tan clay & silt

27

27 tan clay, sand & gravel

39

39 sand, gravel & water

41

41 bedrock

**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

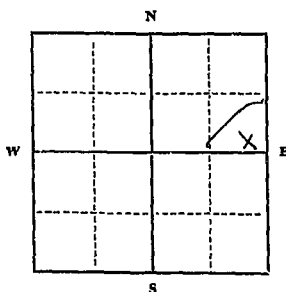
Owner. O.B. DANIELSON Address. 1318 So. 5th St. W.
Mabel M. Danielson Missoula, Mont.Driller. KEN WILLIAMS Address. 1318 So. 5th St. W.
MISSOULA, MONT.

Date of Notice of appropriation of groundwater _____

Date well started. JULY 5, 67 Date completed. JULY 6, 67Type of well. drilled Equipment used. churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" ID	6 5/8" O.D.	ground level	41'			



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____ feet

Pumping Water Level _____ feet
at _____ gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested. bail testLength of Test. 3 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

1/4 Sec. 17 T. 24 R. 21
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

151
Driller's License NumberKenneth T. Williams
Driller's Signature.

44, 440

R-1119

185384

O.B. & Mabel M. Daniels

To
The Public

STATE OF MONTANA } ss
County of Lake

Filed on the 23 day of July

A. D. 1968 at 10:10 o'clock A.M.

ETHEL M. HARDING

County Clerk and Recorder

By William M. Daugherty Deputy

File No.

DUPLICATE

T. 24 N. R. 21 W. 17

County Lake CountySTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

OCT 2 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Well between Woods Bay & Big ForkOwner Dallas Tibbles Address Polson, Mont.Driller Glenn Camp 705 Alder Address Missoula, Mont.

Date of Notice of Appropriation of Groundwater

Date well started Aug 24, 1964 Date Completed Sept 22, 1964Type of well Drilled Equipment Used Churn drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐**For Cherry Orchard**

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Top of Ground
(Elev. above sea level.....)

0 to 1' top soil

1' to 15' Clay (gray)

15' to 52' Clay & gravel

52' to 74' Sandy clay &
small gravel74' to 87' Gravel, clay &
Sand & water (silty water)
boulders87' to 136' Gravel, clay &
boulders

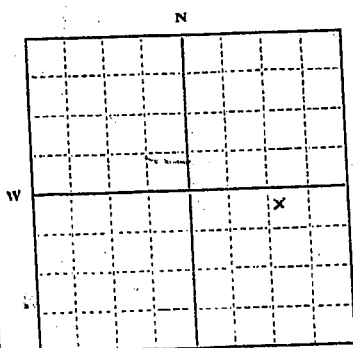
136' to 201' Gray rock

156' crevasse $\frac{1}{2}$ G.P.M.
201' to 255' Fractured rock

with seams of clay

Crevasse at 201' add 410' to 255'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D.	13.97' # to feet	to 138'-6"	None		



N. 1/4 Sec. 17 T. 24 R. 21
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 55' 200' from G.L. feet.Shut-in Pressure for Flowing Well Draw down 200'Pumping Water Level 200' Bottom feet at 20 P.M. gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation).....

Crevasse at 156' $\frac{1}{2}$ G.P.M., Crevasse at 201' $\frac{1}{2}$ G.P.M. Open hole from 138'-6" to 255'

Licence # 7

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

38 535

R-955

167147

Water Report
Dallas Tibbles
to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 30 day of Sept
A. D. 1964 at 3:45 o'clock P.M.

HAZEL KINNICK
County Clerk and Recorder
By M. Kraus

Deputy

\$2.00

File No.

DUPLICATE

T. 24 R. 21

County. Lake

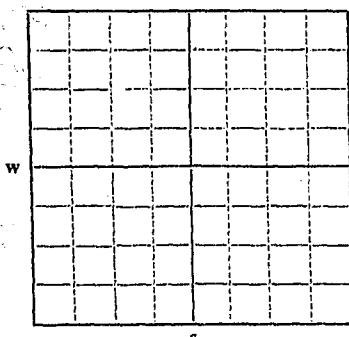
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964
STATE ENGINEER

1. ELEMENTARY SCHOOL DISTRICT NO. 22, of Elmo
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 19 T. 24 N. R. 21 W.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based domestic & yard irrigation for school purposes
3. Date or approximate date of earliest beneficial use; and how continuous the use has been September, 1952; use continuous since 1952
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof school grounds owned by appropriator
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal deep well pump offset about 125 ft. from well head
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater commenced July 15, 1952; completed September 9, 1952
8. The depth of water table about 140 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well 290 feet depth; 6" casing to 251 ft. 5" casing 251 to 290 ft.
10. The estimated amount of groundwater withdrawn each year 2,250,000 gallons per year
11. The log of formations encountered in the drilling of each well if available 0/35 clay & gravel (some water at 30'); 35/40 clay & boulders; 40/70 clay & gravel; 70/125 clay, gravel & boulders; 125/140 clay some gravel; 140/185 quicksand, little gravel, water but would not clear; 185/260 clay & gravel; 260/274 clay; 274/275 gravel; 275/290 clay; 290/292 water bearing sand and gravel.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not applicable

Signature of Owner

Ernest H. Mead

Date. 12-30-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24319

R-818 162163

STATE OF MONTANA

County of Lake,

Filed on the 31 day of Dec

A. D. 1905 at 11 o'clock P. M.

Skinner

County Clerk and Recorder

By

Deputy

File No. _____

T. 24^N R. 21^E

DUPLICATE

County LAKE

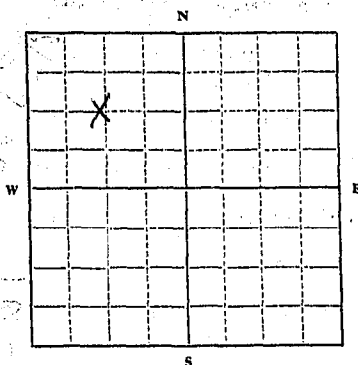
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964
STATE ENGINEER

1. LESTER E. MASS and EMMA W. MASS of Elmo, Montana
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 24^N Sec. 19 T. 24 R. 21

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based on continuous domestic and irrigation usage since 1948.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June, 1948; continuous and uninterrupted
4. The amount of groundwater claimed (in miner's inches or gallons per minute) capacity of well (no test results available); 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof water used on Lots 3 to 8 inclusive in Elmo Townsite; property owned by appropriators
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal water drawn from well by electrically operated deep well pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well commenced and completed in June, 1948
8. The depth of water table seventy-five (75) feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well, with 6" casing; depth of well, 83'
10. The estimated amount of groundwater withdrawn each year 200,000 gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record well driller was Marion Rainy, formerly of Polson, Montana

Signature of Owner Lester E. Mass
Emma W. Mass

Date 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24327

163172

County of Lake.

County of San Diego
Filed on the 26 day of Dec
4, 1963 at 3:00 PM
H. H. H. H.
County Clerk and Recorder

8.

Depuis

File No. _____

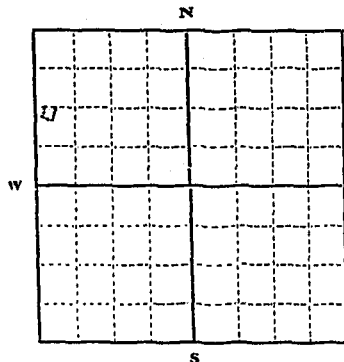
DUPLICATE

T. 24^N R. 21^E
County LakeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
DEC 30 1968

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Unegui, of _____, (Name of Appropriator) _____ (Address) _____ (Town) _____
County of _____ State of _____
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NW 1/4 Sec. 19 T. 24 R. 21

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

Blk 12 - Elmo townsite

2. The beneficial use on which the claim is based Household
Store & Lawns3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been Used Since Drilled4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 1,000 gal5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
Not Used for Irrigation6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal Electric
pump7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Unknown8. The depth of water table 40 ft9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater Drilled 7.3 feet deep 6 in casing10. The estimated amount of groundwater withdrawn each year 75,000 gal11. The log of formations encountered in the drilling of each well if available
Unknown12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record
UnknownSignature of Owner Victor J. UneguiDate 12-26-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

14873

R-467

162752

RECEIVED

Water Report
Victor J. Unzueta
The Public

STATE OF MONTANA
County of Lake
Filed on the 26 day of Dec
P. 1903 at 2:30 clock P. M.
Sturman
County Clerk and Recorder
Deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner U.S. Dept Health, Ed. & Welfare - U.S. Indian Service

Address Elmo, Montana

Date well started May 5, 1965

completed May 15, 1965

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☒ Stock ☐ Irrigation ☐

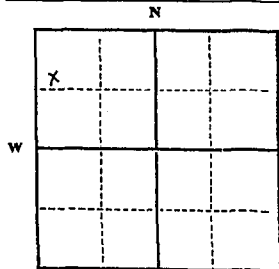
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
8" ID	28.55 lb per ft.	1'9" above g.l.	104'6"	Kind Size From (Feet) To (Feet)
				none



TR in S
S2 NW 1/4 NW 1/4 Sec 19
T. 24 N. R. 21 E.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Glenn Camp

Driller's Address Camp Well Drilling & Pump Supply 1522 S. 14th W, Missoula, Montana 59801

LICENSE NO. 7

24N-21W 19
County Lake

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	2	Topsoil
2	20	Clay & Gravel (less of water at 18')
20	51	Boulders in Clay
51	62	Clay
62	68	Clay & Boulders
68	71	Clay, Gravel & Dirty Water (2 gpm)
71	75	Slty sand - Boulders
75	89	Dirty Water 58 gpm
89	102	Clay, Gravel & Boulders
102	105	Clay (tan)
		Gravel & Water

104'6" Show exact depth of bottom

51,461

R-

1384

205810

-WELL REPORT

U.S. DEPT. HEALTH, ED.
& WELFARE- U.S. INDIAN
SERVICE, ELMO, MONT.

TO

THE PUBLIC

STATE OF MONTANA
County of Lake

Filed on this 25 day of Sept

A.D. 1922 at 2:20 p.m.

W. M. HADDON
County Clerk and Recorder

By Carrie Ramey Deputy

202

File No.

NOV 22 1966

T. 24 N. R. 24 W. S. 19

DUPLICATE

Billie _____ McDermott _____
 Butzerin _____ McNulty _____
 106 Coyle _____ Morton _____
 Darlington _____ Sullivan _____
 Dickert _____

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 287, Montana Session Laws, 1961)

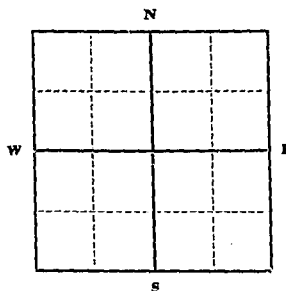
Top of Ground (Elev. above sea level.....)	
0	top soil
1	
1	tan clay, sand, gravel and boulder
34	
34	tan clay, sand, gravel and a seep of water
43	
43	tan clay, sand, gravel and boulders
80	
80	tan clay, sand, silt and seep of water
80'6"	
80'6"	tan clay, sand, g gravel & boulder
106	
106	silt water, tan clay, sand, and gravel
114	
114	running silt and sand
118	
119	tan silt, clay, sand, gravel, and water
126	
126	tan clay, sand, gravel and boulders
164	
164	seep of water
164	
184	tan clay, sand, gravel and boulders
179	
179	water, sand, and silt
186	
186	tan clay, sand, gravel and boulders
189	
189	sand, gravel, and water
191' 6"	

Show exact depth of bottom.

Owner HARRY O. SMITH Address ELMO, MONTANA
 Driller KEN WILLIAMS Address 1558 S. 5th W.
MISSOULA, MONT.
 Date of Notice of appropriation of groundwater.....
 Date well started OCT. 11, 66 Date completed NOV. 8, 66
 Type of well drilled Equipment used CHURN
 (Dug, Driven, bored or drilled) (Churn drill, rotary or other)
 Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
 Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	6 5/8" O.D.	ground level	191'			
	17lbs. 1/2" side wall		6"			



Static Water Level for non-flowing well.....16'9" feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level.....130 feet

at.....80 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested.....bail test

Length of Test.....7 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff).....

1/4 Sec. T. R.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

151
Driller's License Number

Ken Williams
Driller's Signature

41,625

197773

Water Report
Harry O. Smith
to
The Public

7773
Report
Smith
Public

STATE OF MONTANA }
County of Lake } ss

Filed on the 18 day of Nov

A.D. 1966 at 10:00 o'clock P.M.

HAZEL KINNICK

County Clerk and Recorder

By David A. [Signature] Deputy

File No.

DUPLICATE

T. 24 N. R. 21 W.

County Lake Co.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER NOV 19 1963**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner **Carl A. & Edith E. Ahlgreen Polson, Mont.**Driller **Fred Morrison** Address **Pablo, Montana**

Date of Notice of Appropriation of Groundwater

Date well started **June 17, 1963** Date Completed **July 17, 1963**Type of well **drilled** Equipment Used **drill**
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Top of Ground
(Elev. above sea level **3,000**.....)32 ft. **boulder and sand**28 ft. **solid rock**Water encountered at
**43 feet in crevice of
rock**

to bottom

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 ft.	7 inch D. 22 lbs. to ft. Steel	4 ft.	32 ft.			

Water rises 30 ft. in well

water rises 30 ft.

Static Water Level for non-flowing Well **in well** feet.

Shut-in Pressure for Flowing Well

Pumping Water Level feet at **one** gal. per minute.

Discharge in gal. per min. of flowing well

How Tested **Bailer** Length of Test **4 hours**Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) **garden****plat of Armo Villa Sites lot 6 Block 1****Lake County, Mont.**Driller's License Number **108****Fred Morrison**
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

7198

P282

161813

Water Report
Carl & Edith Ahlgren
to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 4 day of Nov
A. D. 1963 at 12:20 o'clock P.M.

HAZEL KINNICK

County Clerk and Recorder

By

G. Cowan

Deputy

RECEIVED

JUN 28 1973

24N-21W

25

3 GW 3 Revised 1969
2037-1500-1/71

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

County LAKE

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 1490; 210477

June 27, 1973

GW 1 3:05 p.m.

Owner William GEORGE BARBA

Address WEST SHORE POISON

Contractor (if any) -

Address of Contractor -

Date Started June 1, 1973 Date Completed NOT COMPLETE

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) NATURAL FLOW
DUG WITH BACK-HOE

2. Means of withdrawing water (gravity, pump, canal, etc.) NONE AT THIS TIME

3. Depth of water table SIX FEET

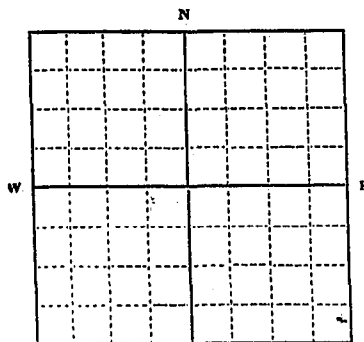
4. Use of the water IRRIGATION

5. Amount of groundwater claimed (in miner's inches or gallons per minute) UNKNOWN

6. If used for irrigation, give number of acres and description of land APPROX. 4 ACRES

7. Estimate amount of water used each year UNKNOWN

8. Months of year spring flows 9 12



BLOCK 22 MURPHY'S PLOT ACHIA

SE 1/4 SE 1/4 SE 1/4 Sec. 25

T. 24 N R. 21 W. E. W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated

2985' approx

Signature of Owner William G. Barba

Date June 27, 1973

54036

R-1490

210477

Will Report

William George Barber

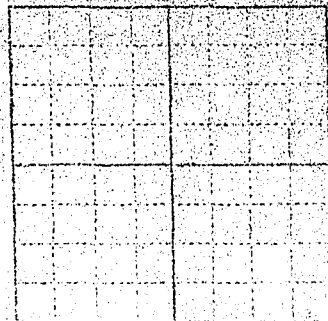
To
The Public

STATE OF MONTANA
County of Lake

Filed on the 22 day of June
A.D. 1923 at 3:05 o'clock P.M.

ETHEL M. HARDING
County Clerk and Recorder

By William George Barber
200 Deputy



1. Name of the person or persons who made the report
2. Name of the person or persons who made the report
3. Name of the person or persons who made the report
4. Name of the person or persons who made the report
5. Name of the person or persons who made the report
6. Name of the person or persons who made the report
7. Name of the person or persons who made the report
8. Name of the person or persons who made the report
9. Name of the person or persons who made the report
10. Name of the person or persons who made the report

File No. _____

JUL 14 1967

T. 24N R. 21W

TRIPLICATE

LOG

Bldg. _____ McDermott _____ County Lake
 Buil. _____ McNulty _____ STATE OF MONTANA
 Coy. _____ Morin _____ ADMINISTRATOR OF GROUNDWATER CODE
 Darlinton _____ Sullivan _____ OFFICE OF STATE ENGINEER

Top of Ground

Approx. _____

(Elev. above sea level 3200')

Formations Log:

- 0 - 6 Broken rock
 mixed in gray
 dirt.
 6 - 75 Blu-gray rock.
 73 - 91 Green rock.
 91 - 202 Blu-gray rock.
 Fractures at
 189 - 190 &
 193 - 194

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Dolores Cr

Owner William G. Barba Address Missoula, MontanaDriller Liberty Drilling Co. Address Missoula, MontanaDate of Notice of appropriation of groundwater None filedDate well started 6/16/67 Date completed 6/20/67

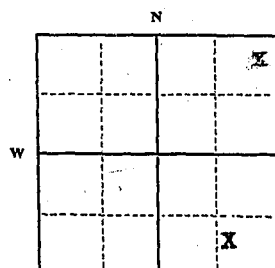
Type of well Drilled Equipment used Rotary
 (Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒
 Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/4"	+1 1/2	21'6"	N O K E		

Water rises in the well
 135 1/2 feet from surface.



NE Corner of
 SW 1/4 SE 1/4

Block 1 ^S Murphy
 Plat of Acacia

1/4 Sec. 25 T. 24N R. 21W

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

fractures below 189 feet.

Static Water Level for non-flowing well
135 1/2 feet.

Shut-in Pressure for Flowing Well Non-f

Pumping Water Level 168' feet
 at 20 gal. per minute.

Discharge in gal. per min. of flowing well
Non-flowing

How Tested Air Lift Pump

Length of Test 2 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) Casing is grouted to 21'6" through annular space provided for by drilling a larger diameter hole. All water entering well from fractures below 189 feet.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Approx. 18.05 Acres

Show exact depth of bottom.

Bottom of hole 202'

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

52

Driller's License Number

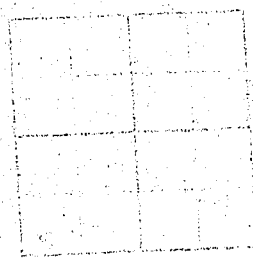
William A. Dahme
 Driller's Signature.

42, 136

R-1079

180416

Will Report
William J. Barker
to
the Public



STATE OF MONTANA }
County of Lake } ss
Filed on the 12 day of July
A. D. 1967 at 2:20 o'clock P M
ETHEL M. HARDING
County Clerk and Recorder
by Gundee Cairnes Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42

File No.

MONTANA WATER RESOURCES BOARD

RECEIVED

JUN 9 1970

T 29 R 21 S 25

County Lake

TRIPLICATE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

61 tan clay, gravel
& boulders

9' gray bedrock

100'

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

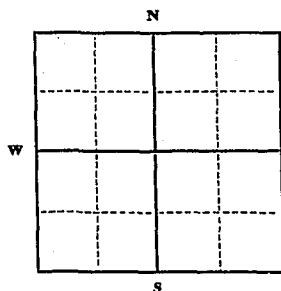
Owner Angus W. Clunie Address 2722 7th Avenue N.
Great Falls, MontanaDriller KEN WILLIAMS WELL DR. Address 1558 So. 5th St.
MISSOULA, MONT.

Date of Notice of appropriation of groundwater.....

Date well started MAY 7, 70 Date completed MAY 19, 70Type of well drilled Equipment used CHURN
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" ID	6-5/8" OD 17 lbs. 1/4" side wall	Ground level	100 ft.			



Tr. in SE 1/4 Sec. 25 T. 24 R. 21
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well.....feet.

Shut-in Pressure for Flowing Well.....feet.

Pumping Water Level 93' feetat 6 gal. per minute.Discharge in gal. per min. of flowing well 1 pintHow Tested bill testLength of Test 6 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff).....

Doc. No. 193963

Filed for record

this 8 day of JuneA. D. 19 70 at 2:12o'clock PM.(Continue on reverse side)
USE If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).7 Acres

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 151Driller's Signature Ken Williams

46552

R-1212

193963

Angus W. & Julia A. Chis

To

The Public

STATE OF MONTANA
County of Lake
Filed on the 8 day of June
A.D. 1970 at 2:12 o'clock P.M.
ETHEL M. HARDING
County Clerk and Recorder
By *Marlene Reiger*
Deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner George E. Smith

Address 10000

Turn, 10000

Date well started 1970 GW 1

completed 1970

Type of well 12 1/2"

(Dug, driven, bored or drilled)

Equipment used 12 1/2" drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

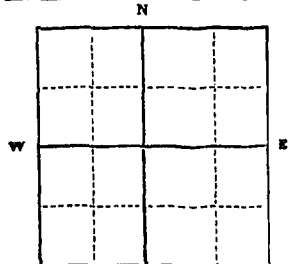
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block

and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Approx. one acre foot or 325,000 gal per yr.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
4 1/2"	5 1/2"	11	24 1/2"	Kind Size 3/8" 1/4"
5 1/2"	11 1/2"	24 1/2"	30 1/2"	From (Feet) 2"
6 1/2"	14 1/2"	30 1/2"	36 1/2"	To (Feet) 2 1/2"



Lot 4 Tompkins Villa
Tr B 1/4 1/4 Sec. 25
T. 24 N. R. 21 E.
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address

Steven Camp

LICENSE NO. 7

24N 21W

County

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	24	12 1/2" drill
24	30	12 1/2" drill
30	36	12 1/2" drill
36	42	12 1/2" drill
42	48	12 1/2" drill
48	54	12 1/2" drill
54	60	12 1/2" drill
60	66	12 1/2" drill
66	72	12 1/2" drill
72	78	12 1/2" drill
78	84	12 1/2" drill
84	90	12 1/2" drill
90	96	12 1/2" drill
96	102	12 1/2" drill
102	108	12 1/2" drill
108	114	12 1/2" drill
114	120	12 1/2" drill
120	126	12 1/2" drill
126	132	12 1/2" drill
132	138	12 1/2" drill
138	144	12 1/2" drill
144	150	12 1/2" drill
150	156	12 1/2" drill
156	162	12 1/2" drill
162	168	12 1/2" drill
168	174	12 1/2" drill
174	180	12 1/2" drill
180	186	12 1/2" drill
186	192	12 1/2" drill
192	198	12 1/2" drill
198	204	12 1/2" drill
204	210	12 1/2" drill
210	216	12 1/2" drill
216	222	12 1/2" drill
222	228	12 1/2" drill
228	234	12 1/2" drill
234	240	12 1/2" drill
240	246	12 1/2" drill
246	252	12 1/2" drill
252	258	12 1/2" drill
258	264	12 1/2" drill
264	270	12 1/2" drill
270	276	12 1/2" drill
276	282	12 1/2" drill
282	288	12 1/2" drill
288	294	12 1/2" drill
294	300	12 1/2" drill
300	306	12 1/2" drill
306	312	12 1/2" drill
312	318	12 1/2" drill
318	324	12 1/2" drill
324	330	12 1/2" drill
330	336	12 1/2" drill
336	342	12 1/2" drill
342	348	12 1/2" drill
348	354	12 1/2" drill
354	360	12 1/2" drill
360	366	12 1/2" drill
366	372	12 1/2" drill
372	378	12 1/2" drill
378	384	12 1/2" drill
384	390	12 1/2" drill
390	396	12 1/2" drill
396	402	12 1/2" drill
402	408	12 1/2" drill
408	414	12 1/2" drill
414	420	12 1/2" drill
420	426	12 1/2" drill
426	432	12 1/2" drill
432	438	12 1/2" drill
438	444	12 1/2" drill
444	450	12 1/2" drill
450	456	12 1/2" drill
456	462	12 1/2" drill
462	468	12 1/2" drill
468	474	12 1/2" drill
474	480	12 1/2" drill
480	486	12 1/2" drill
486	492	12 1/2" drill
492	498	12 1/2" drill
498	504	12 1/2" drill
504	510	12 1/2" drill
510	516	12 1/2" drill
516	522	12 1/2" drill
522	528	12 1/2" drill
528	534	12 1/2" drill
534	540	12 1/2" drill
540	546	12 1/2" drill
546	552	12 1/2" drill
552	558	12 1/2" drill
558	564	12 1/2" drill
564	570	12 1/2" drill
570	576	12 1/2" drill
576	582	12 1/2" drill
582	588	12 1/2" drill
588	594	12 1/2" drill
594	600	12 1/2" drill
600	606	12 1/2" drill
606	612	12 1/2" drill
612	618	12 1/2" drill
618	624	12 1/2" drill
624	630	12 1/2" drill
630	636	12 1/2" drill
636	642	12 1/2" drill
642	648	12 1/2" drill
648	654	12 1/2" drill
654	660	12 1/2" drill
660	666	12 1/2" drill
666	672	12 1/2" drill
672	678	12 1/2" drill
678	684	12 1/2" drill
684	690	12 1/2" drill
690	696	12 1/2" drill
696	702	12 1/2" drill
702	708	12 1/2" drill
708	714	12 1/2" drill
714	720	12 1/2" drill
720	726	12 1/2" drill
726	732	12 1/2" drill
732	738	12 1/2" drill
738	744	12 1/2" drill
744	750	12 1/2" drill
750	756	12 1/2" drill
756	762	12 1/2" drill
762	768	12 1/2" drill
768	774	12 1/2" drill
774	780	12 1/2" drill
780	786	12 1/2" drill
786	792	12 1/2" drill
792	798	12 1/2" drill
798	804	12 1/2" drill
804	810	12 1/2" drill
810	816	12 1/2" drill
816	822	12 1/2" drill
822	828	12 1/2" drill
828	834	12 1/2" drill
834	840	12 1/2" drill
840	846	12 1/2" drill
846	852	12 1/2" drill
852	858	12 1/2" drill
858	864	12 1/2" drill
864	870	12 1/2" drill
870	876	12 1/2" drill
876	882	12 1/2" drill
882	888	12 1/2" drill
888	894	12 1/2" drill
894	900	12 1/2" drill
900	906	12 1/2" drill
906	912	12 1/2" drill
912	918	12 1/2" drill
918	924	12 1/2" drill
924	930	12 1/2" drill
930	936	12 1/2" drill
936	942	12 1/2" drill
942	948	12 1/2" drill
948	954	12 1/2" drill
954	960	12 1/2" drill
960	966	12 1/2" drill
966	972	12 1/2" drill
972	978	12 1/2" drill
978	984	12 1/2" drill
984	990	12 1/2" drill
990	996	12 1/2" drill
996	1002	12 1/2" drill

Show exact depth of bottom

47601

Lake County

Is it necessary to file for
a water-right decree or does this
form take care of my water rights?

George A. Clinie

RECEIVED

APR 10 1973

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

Yes

appropriation by

appropriation without

ts (This form is
only through 1965)

recorder.

hore
Montana

195514

ved and is complete as

able. Please complete
ated, or as noted here
ources Board in Helena.

ons per year on the